

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re the Application of:

AHMAD ZANDI, ET AL.

Application No.: 09/499,255

Filed: February 7, 2000

For: METHOD AND APPARATUS FOR

COMPRESSION USING REVERSIBLE WAVELET TRANSFORMS AND AN

EMBEDDED CODESTREAM

Art Group: 2621

Examiner: Phuoc Tran

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Technology Center 2600

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

In accordance with the duty of disclosure, enclosed is a copy of IDS Citation Form PTO/SB/08 or PTO-1449, together with copies of the documents cited on that form, except for copies not required to be submitted (e.g., copies of U.S. patents and U.S. published patent applications need not be enclosed for applications filed after June 30, 2003). This IDS and IDS Citation Form are being submitted concurrently with the Divisional Application. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s). Some or all of the references listed on the enclosed PTO/SB/08 were previously identified in the parent application (Application No. 08/498,695, filed June 30, 1995) and copies of the references were furnished at that time. Accordingly, per 37 CFR §1.98(d)(1) additional copies of those references are not submitted herewith.

The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

Please charge any fees due to Deposit Account 02-2666. A duplicate copy of the Fee Transmittal (PTO/SB/17) is enclosed for this purpose.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Date: March 11, 2004

Michael J. Mallie, Reg. No. 36,591

12400 Wilshire Boulevard, 7th Floor Los Angeles, CA 90025 Telephone: (408) 720-8300

> I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Sheet <u>14</u> of <u>23</u> Form PTO-1449 ATTY, DOCKET NO. U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE (REV. 8-83) 74451.P024XD 09/499,255 APPLICANT Zandi, et al. INFORMATION DISCLOSURE CITATION FILING DATE GROUP 2/7/00 2621 (Use several sheets if necessary) U.S. PATENT DOCUMENTS EXAMINER **DOCUMENT NUMBER** DATE CLASS FILING DATE SUBCLASS RECEIVED Technology Center 2600 FOREIGN PATENT DOCUMENTS TRANSLATION DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS YES NO OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Denk, et al. "Architectures for Lattice Structure based Orthonormal Discrete Wavelet 111 Transforms", IEEE 1994, pp.259-270. Gall, et al. "Sub-Band Coding of Digital Images Using Symmetric Short Kernal Filters and 11B Arithmetic Coding Techniques". 1988 International Conference on Asoustics, Speech and Signal Processing, pp.761-764. French Search Report, FR9511023, 11/26/96. 11Þ **EXAMINER** DATE CONSIDERED *EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line

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Sheet <u>15</u> of <u>23</u> Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE ATTY. DOCKET NO. (REV. 8-83) 74451.P024XD 09/499,255 APPLICANT Zandi, et al. INFORMATION DISCLOSURE CITATION FILING DATE GROUP (Use several sheets if necessary) 2/7/00 2621 U.S. PATENT DOCUMENTS EXAMINER INITIAL FILING DATE DOCUMENT NUMBER DATE NAME CLASS SUBCLASS RECEIVED MAR 1 9 2004 Technology Center 2600 FOREIGN PATENT DOCUMENTS TRANSLATION DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS YES NO 1209417 8/4/94 PCT GO6K 9/36 12 1 9 3 1 1 0 6 3 4 5/27/93 PCT HO4N 7/13 OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Shapriro, "Embedded Image Coding Using Zerotrees of Wavelet Coefficients", IEEE 122 Transactions on Signal Processing, 12/93, No. 12, pp. 3445-3462. Villasenor, et al., "Filter Evaluation and Selection in Wavelet Image Compression", 1994, 123 pp.351-360. Padmanabhan, et al. "Feedback-Based Orthogonal Digital Filters", IEEEE Transactions on 124 Circuits and Systems, 8/93, No. 8, pp.512-525. **EXAMINER** DATE CONSIDERED *EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to



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